

Title (en)

Connector to transfer cooling fluid from a rotor disc to a turbomachine blade

Title (de)

Verbindungsstück zur Zufuhr von Kühlfluid von einer Rotorscheibe zu einer Turbomaschinenschaufel

Title (fr)

Tubulure de connexion pour le transfert d'un fluide de refroidissement d'un disque de rotor à une aube d'une turbomachine

Publication

EP 0860586 A2 19980826 (EN)

Application

EP 98102386 A 19980211

Priority

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Abstract (en)

A cooling medium path of gas turbine moving blade is so constructed that a concave spherical surface C is formed on an inside surface of an end portion of a cooling medium path B on a blade side and a hollow pipe 6 in which one end thereof has a convex spherical surface D which engages the concave spherical surface C and the other end has a convex spherical surface F which engages an inside surface of a cooling medium path E on a rotor disc side is provided. The hollow pipe 6 communicates between the cooling medium path B on the blade side and said cooling medium path E on the rotor disc side. Supporting device 7, 8, 9 for holding the hollow pipe 6 is provided at the communicating position. <IMAGE>

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F01D 5/08

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN106103900A; EP1283328A1; EP1306521A1; EP2312124A3; EP1744034A3; EP1088976A3; EP3569822A1; US9797259B2; US8562294B2; WO2015134959A3

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